

### Abstract of the Disclosure

Provided are a green/red algae eliminator, wherein the green/red algae eliminator includes a composite peroxide including at least one selected from a group consisting of  
5 metal oxide and metal hydroxide, and metal peroxide, or single metal peroxide, and a method of eliminating the green and red algae by using the green/red algae eliminator, thereby increasing dissolved oxygen, eliminating nutrient sources, and improving a bottom soil property. The green/red algae  
10 eliminator may include an agglutinant for agglutinating and precipitating the green and red algae. In addition, the green/red algae eliminator may further include loess. Accordingly, the green/red algae eliminator and the method of eliminating the green and red algae can prevent the fishes  
15 from being perished by increasing the dissolved oxygen, without damaging the coast organisms. In addition, it can eliminate phosphorus, a nutrient source of the green and red algae. Furthermore, It can destroy cells of the green and red algae using agglutination and aluminum. It can improve bottom  
20 soil and water qualities. Also, the present invention may be effectively applied for a long time.